

# PEB-7601VLA

Mini-ITX Board base on VIA® C7 Nano BGA CPU  
CN700 Chipset with 3D AGP 8x with TV out (PAL/NTSC)  
Audio/ IEEE 1394/ SATA Raid/ ATA 133/ LAN/ 8 x USB 2.0



## FEATURES

- VIA ® C7 NanoBGA CPU from 800 MHz to 1.5G
- VIA VT1622A TV encoder, TV-out (PAL /NTSC)
- 6-Channels AC'97 Codec
- 2 x IEEE 1394 ports
- DDR2 400 DRAM Module up to 1.0GB
- 2 x Serial ATA with RAID 0,1

## ORDERING GUIDE

<b>Standard</b>	<b>PEB-7601VLA</b> Mini-ITX motherboard, VIA C7 NANO CPU, CN700 chipset, 3D AGP VGA, TV out, LAN, Audio, IEEE1394, SATA RAID, USB 2.0
-----------------	--

## SYSTEM

CPU	Support VIA C7 processor NanoBGA, FSB 133MHz from 800 MHz to 1.5G
VGA	16/32/64MB share memory, AGP 8X, 28bit 2D/3D VIA S3 24bit true-color
System Memory	1 x 240-pin DDR2 Module Sockets up to 1GB, 2.5V 400MHz SDRAM
Chipset	VIA CN700 North Bridge, VT8237RP High Bandwidth Vlink Client South Bridge
IDE	Support 2 x Ultra DMA 133 IDE Interface, ATAPI IDE
SATA	Support 2 Serial ATA Port provides 150MB/s (Max.) Data transfer rate
SATA RAID	Serial ATA Support RAID0, RAID1 function
Extension Slots	1 x PCI slots, 1 x mini PCI
Form Factor	Mini-ITX form factor (17cm x 17cm)
USB/IEEE 1394	Support 6 x USB 2.0 ports, 2 x IEEE 1394 ports
Hardware Monitoring	CPU temperature, System temperature, System Voltage, FAN speed
LAN	Support IEEE 802.3 10/100 BASE, Support Boot On LAN function
Audio	Software Audio Controller Onboard 6-Channel CODEC Compliant to AC97
Power Requirement	ATX compliant power
TV-OUT	VIA VT1622A TV encoder, NTSC/PAL TV system S-Video/AV Out
I/O Ports	8xUSB 2.0 Ports, 1xParallel Port, 1xVGA Port, 2xSerial Ports (1xheader, 1xConn.) 1xPS/2 Keyboard Port, 1xPS/2 Mouse Port, 1xFloppy Port Line-in/out/MIC Audio Ports



## American Portwell

44200 Christy Street,  
Fremont, CA 94538, USA  
Tel: +1-510-403-3399  
Fax: +1-510-403-3184  
E-mail: [info@portwell.com](mailto:info@portwell.com)  
<http://www.portwell.com>